



Engineered For Any Destination™



TARGET CASE® RACKMOUNT CASE FEATURES

High Strength Aluminum Case Shell

- All Aluminum Construction: Made from 0.090 in. thick, 5052-H32 aluminum
- External Ribs: Increase case rigidity and protect case hardware
- Internal Load Spreaders: Increase case rigidity and prevent distortion
- Heavy-Payload-Ready: No additional reinforcement required for payloads up to 500 lbs.
- Patented Valance System: Impact's patented high strength square tubular valance and corner lug system (U.S. patent 8,002,490) is the strongest in the industry. Impact's exclusive investment cast valance corner lugs are designed to take punishment without splitting or separation.
- Best-in-Class Strength: With both lids removed, ConQuest™ rackmount cases will NOT bow, warp or sag with heavy payloads or heavy superimposed (stacked) loads. ConQuest™ cases maintain their shape under stress and lids always fit effortlessly.



Case Shell - Powder Coat Finish

Target Case™ Military rackmount cases are supplied with a durable, low lustre powder coat finish. The standard case shell finish is low lustre grey. Standard colours include: Low Lustre Black, Low Lustre Grey, Low Lustre Olive Drab, and Low Lustre Desert Tan. Custom colours and textures are available (surcharge may be applicable)



Welded Construction

Target Case™ Military case shells and valance are seam welded and watertight. An automatic pressure equalization (breather) valve is installed..



External Ribs

External ribs are located on the side walls - ruggedizing the case / container and protecting case hardware from shearing forces.





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TARGET CASE® MILITARY RACKMOUNT CASE FEATURES cont'd

High Strength Stainless Steel Case Hardware

Target Case™ Military cases are supplied with high strength stainless steel hardware (black finish) for all-weather durability.



Wear Resistant, Stackable Skid Pad System

Machined UHMW skid and stacking alignment pads allow Target Case™ Military rackmount cases to be dragged over rough terrain without damaging the case shell. The stacking design allows for same depth cases to be securely stacked.



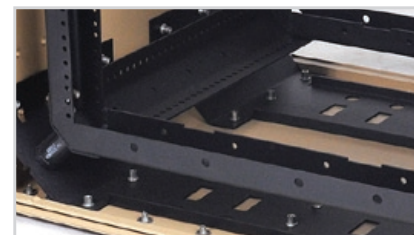
Pressure Equalization Valve

Target Military cases typically have automatic pressure equalization ("breather") valves installed to maintain case integrity when encountering temperature and pressure differentials. Upon request, cases may be supplied with manual pressure equalization valves.



Internal Load Spreaders

Internal load spreaders are installed on the top and bottom to increase case rigidity and prevent distortion. No additional case shell reinforcement required for payloads up to 500 lbs.





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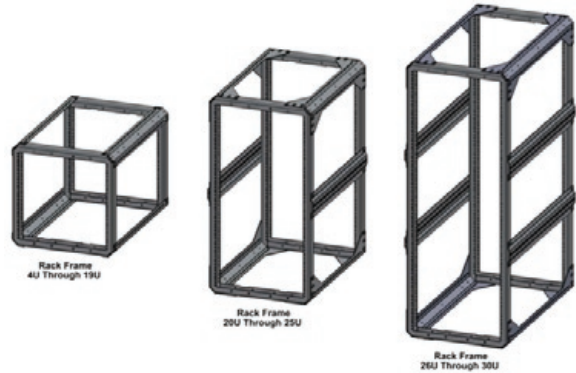
RACKMOUNT CASE FEATURES cont'd

Ultra-Strength Rack Frame Design

Target Case™ Military rack frames are designed for strength under high stress conditions. Each rack frame has the following features:

Front & Rear Frames: Single piece construction
Formed & welded "U" channel design offers increased frame rigidity

Lock-Bolt Assembled: Most secure rack assembly available
Rack frame will NOT loosen over time



Rack Frame Materials

ConQuest™ and Target Case™ Military rack frames are constructed using only premium materials and finishes:

| Payload Wt - lbs (kg) | Rack Frame Material | Rack Frame Finish |
|-----------------------------|---|-----------------------|
| 20 – 49 (9.07 – 22.23) | 0.125 in. (3.18 mm) thick 5052-H32 aluminum | Black satin anodize |
| 50 – 99 (22.68 – 44.91) | 0.125 in. (3.18 mm) thick 5052-H32 aluminum | Black satin anodize |
| 100 – 170 (45.36 – 77.11) | 0.125 in. (3.18 mm) thick 5052-H32 aluminum | Black satin anodize |
| 171 – 249 (77.56 – 112.94) | 0.125 in. (3.18 mm) thick 5052-H32 aluminum | Black satin anodize |
| 250 – 349 (113.40 – 158.30) | 0.125 in. (3.18 mm) thick 5052-H32 aluminum | Black satin anodize |
| 350 – 500 (158.76 – 226.80) | 11 gauge (3.04 mm) cold rolled steel (CRS) | Zinc dichromate plate |

Custom engineered solutions are always available for applications involving ultra-heavy payload (> 500 lbs.) and special shock / vibration attenuation requirements.

Shock / Vibration Isolation

ConQuest™ and Target Case™ Military rack frames are installed onto elastomer isolators systems, offering omni-directional shock and vibration attenuation.

| Payload Wt – lbs (kg) | Isolator Configuration | Isolator Quantity |
|-----------------------------|------------------------|-------------------|
| 20 – 49 (9.07 – 22.23) | SHOCKSET-A | 8 |
| 50 – 99 (22.68 – 44.91) | SHOCKSET-B | 8 |
| 100 – 170 (45.36 – 77.11) | SHOCKSET-C | 8 |
| 171 – 249 (77.56 – 112.94) | SHOCKSET-D | 16 |
| 250 – 349 (113.40 – 158.30) | SHOCKSET-E | 16 |
| 350 – 500 (158.76 – 226.80) | SHOCKSET-F | 24 |
| > 500 (>226.8) | CUSTOM | CUSTOM |



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RACKMOUNT CASE FEATURES cont'd

E.I.A. Hole Pattern

ConQuest™ and Target Case™ Military rackmount cases are available with the E.I.A. round or square hole patterns. Rackmount cases having the E.I.A. round hole pattern are supplied with clip nuts. CAGE nuts are supplied with cases having the E.I.A. square hole pattern.

